

**ABSTRACT**

**ELECTROCHROMIC MEDIUM HAVING A SELF-HEALING CROSS-LINKED  
POLYMER GEL AND ASSOCIATED ELECTROCHROMIC DEVICE**

5           An electrochromic medium for use in an electrochromic device comprising:  
  
at least one solvent; a cathodic electroactive material; an anodic electroactive material;  
  
wherein at least one of the cathodic and anodic electroactive materials is electrochromic;  
  
and a self-healing cross-linked polymer gel.

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